5.6.4 2001 Total Lighting Technology Electricity Consumption, by Sector (Billion kWh per Year) (1)

	Residential		Commercial		Industrial		Other (2)		Total	
Incandescent										
Standard	176.2	87%	103.3	26%	2.2	2%	5.3	10%	287.0	38%
Halogen	5.5	3%	21.2	5%	0.4	0%	1.2	2%	28.3	4%
Fluorescent										
T5	N.A.		0.3	0%	0.0	0%	N.A.		0.3	0%
T8	N.A.		49.8	13%	22.7	21%	0.0	0%	72.5	10%
T12	N.A.		157.0	40%	49.0	45%	0.0	0%	206.0	27%
Compact	1.0	1%	12.6	3%	0.6	1%	N.A.		14.3	2%
Miscellaneous	18.4	9%	0.4	0%	0.1	0%	0.6	1%	19.5	3%
HID										
Mercury Vapor	0.6	0%	6.5	2%	3.2	3%	11.6	21%	21.9	3%
Metal Halide	N.A.		33.9	9%	24.7	23%	3.8	7%	62.4	8%
HP Sodium	0.1	0%	5.6	1%	5.0	5%	30.2	54%	41.0	5%
LP Sodium	N.A.		0.1	0%	0.0	0%	2.9	5%	3.1	0%
Total (3)	**201.8**	100%	**390.8**	100%	**107.9**	100%	**55.7**	100%	**756.1**	100%

Note(s): 1) Lumens-hour is a measure of lighting output; Watt-hour is a measure of electrical input for lighting. A value of zero indicates less than 0.5 billion kWh/year. 2) Includes stationary aviation, billboard, and traffic and street lighting. 3) Lighting consumed 756 10^9 kWh of energy in 2001.This amount is equivalent to 99% of the energy generated by all 104 nuclear power plants in the same year.

Source(s): BTS/Navigant Consulting, U.S. Lighting Market Characterization, Volume I: National Lighting Inventory and Energy Consumption Estimate, September 2002, pg. 32-39; EIA, Annual Energy Review 2003, Table 9.2 Nuclear Power Plant Operations, p. 271, for note 3.